## INTERNATIONAL SEARCH REPORT

iational Application No
.:/US 03/31027

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01F1/84					
	International Patent Classification (IPC) or to both national classification	on and IPC			
B. FIELDS S	SEARCHED cumentation searched (classification system followed by classification	symbols)			
IPC 7					
Documentati	ion searched other than minimum documentation to the extent that suc	h documents are included in the fields se	arched		
	ata base consulted during the international search (name of data base	and, where practical, search terms used			
EPO-Int	ternal				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with Indication, where appropriate, of the relev	ant passages	Relevant to claim No.		
А	US 6 487 507 B1 (MANSFIELD WILLIAM AL) 26 November 2002 (2002-11-26) column 5, line 43 - column 8, line figures 1-3		1–19		
A	US 6 456 057 B1 (ZOLOCK MICHAEL JOHN ET AL) 24 September 2002 (2002-09-24) column 8, line 1 - column 10, line 32; figure 3		1-19		
A	EP 1 202 139 A (FOXBORO CORP) 2 May 2002 (2002-05-02) column 1, line 57 - column 2, line figure 1	e 33;	1,8,15		
Fur	ther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.		
<ul> <li>Special categories of cited documents:</li> <li>'A' document defining the general state of the art which is not considered to be of particular relevance</li> <li>'E' earlier document but published on or after the international filing date invention filing date</li> <li>'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>'Y' document referring to an oral disclosure, use, exhibition or other means</li> <li>'P' document published prior to the international filing date but later than the priority date claimed</li> <li>Date of the actual completion of the international search</li> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>					
	9 September 2004	16/09/2004			
Name and mailing address of the ISA Authorized officer					
European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Heinsius, R			

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